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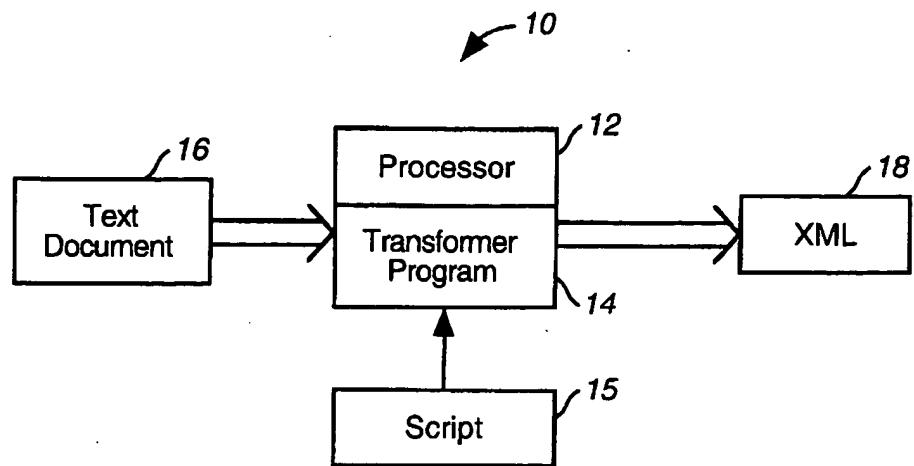


FIG. 1

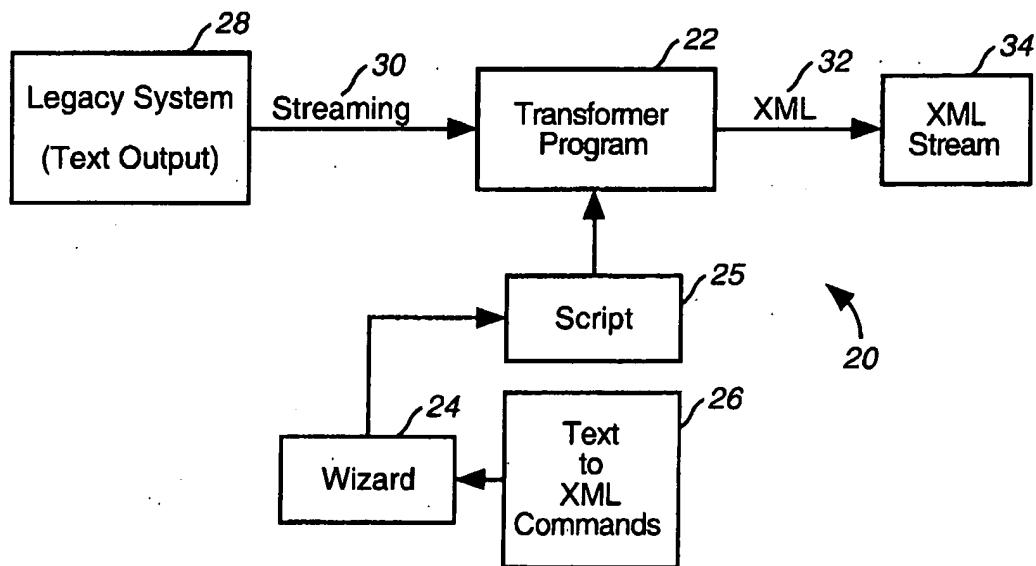


FIG. 2

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first-name, last-name, street, city, state, zip, category, phone
Patty, Murphy, 4 Main St., Nashua, NH, 03063, customer, 603.555.1234
Nancy, Buxton, 148 Alene Lane, Dallas, TX, 75240, partner, 800.555.1221
Donald, Brown, 26 Lake Rd., Buffalo, NY, 14216, customer, 418.555.9873

FIG. 3

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```
<?xml version="1.0"?>
<addresses>
    <address name="Murphy">
        <name>Patty Murphy</name>
        <street>4 Main St.</street>
        <city>Nashua</city>
        <state>NH</state>
        <zip>03063</zip>
    </address>
    <address name="Brown">
        <name>Donald Brown</name>
        <street>26 Lake Rd.</street>
        <city>Buffalo</city>
        <state>NY</state>
        <zip>14216</zip>
    </address>
</addresses>
```

FIG. 4

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```
46  <?xml version="1.0"?>
48  <tx:transform xmlns:tx="http://www.xaware.com/2003/01/text-to-xml"
   version="1.0">
50  <!-- initialize and set the document element -->
50  <tx:template match="BEGIN">
51  <tx:variable name="FS" value=","/>
51  <addresses>
51  <tx:continue/> 52
51  </addresses>
51  </tx:template>
54  <!-- skip the first record because it is just a header -->
54  <tx:template match="NR = 1">
56  <tx:next/>
56  </tx:template>
58  <!-- add address for category customers -->
58  <tx:template match="F[7] = 'customers'">
62  <address name=" {F[2]}>
64  <name>
66  <tx:value-of expr="F[1]"/><tx:text> </tx:text>
60  <tx:value-of expr="F[2]"/>
70  </name>
72  <street><tx:value-of expr="F[3]"/></street>
72  <city><tx:value-of expr="F[4]"/></city>
72  <state><tx:value-of expr="F[5]"/></state>
72  <zip><tx:value-of expr="F[6]"/></zip>
72  </address>
72  </tx:template>
72 </tx:transform>
```

FIG. 5

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[App Settings]
window=maximized
advanced mode=true
install=C:\someapp

[Tool Settings]
tool1 driver = lib\somedll.dll /s=46 /t="fast"

FIG. 6

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```

<?xml version="1.0" encoding="UTF-8"?>
<settings>
    <section name="App Settings">
        <param name="window">maximized</param>
        <param name="advanced mode">true</param>
        <param name="install">C:\someapp</param>
    </section>
    <section name="Tool Settings">
        <param name="tool1 driver">lib\somedll.dll /s=46
/t="fast"</param>
    </section>
</settings>

```

FIG. 7

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```

86  <?xml version="1.0"?>
88  <tx:transform version="1.0"
89  xmlns:tx="http://www.telegea.com/2003/01/text-to-xml">
90  <!-- initialize and set the document element -->
90  <tx:template match="BEGIN">
91  <settings>
92  <tx:continue/>
93  </settings>
94  </tx:template>
94  <!-- look for sections -->
94  <tx:template match="/\s*([^\s]+)\s*$/ mode="inSection">
95  <tx:variable name="MODE" value=" "/>
96  <tx:go-up/>
97  <tx:continue/>
98  </tx:template>
99  <tx:template match="/\s*([(\s]+))\s*$/>
100 <tx:variable name="MODE" value="inSection"/>
100 <section name="GROUP[1]">
101 <tx:next/>
102 </section>
102 </tx:template>
103 <!-- look for parameters -->
103 <tx:template match="/\s*([^\s]+)\s*=(.)*$/>
104 <param name="GROUP[1]">
104 <tx:value of expr="GROUP[2]">
105 </param>
106 </tx:template>
</tx:transform>

```

FIG. 8